

## PROJECT 10073 RECORD CARD

1. DATE 22 August 1956		2. LOCATION Bornholm, Denmark		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Anomalous <input checked="" type="checkbox"/> Other <u>propagation</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local _____ GMT 22/2050Z to 2359Z		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input checked="" type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE <i>Relayed by No. 1 USAF</i> Bornholm Radar,			
7. LENGTH OF OBSERVATION approximately 3 hours		8. NUMBER OF OBJECTS four		9. COURSE	
10. BRIEF SUMMARY OF SIGHTING R. dars first reported 2-3 objects on an easterly heading at 700 knots, no altitude given. Approximately 2 hours later 4 appeared, but were orbiting over the location (53 dgr, 30 min N - 18 dgr 00 min E) at 25,000ft altitude and 700 knots. About 1½ hours later tracks faded.				11. COMMENTS The appearing & disappearing of tracks on the radar scope is characteristic of "spurious blips." The fact that the obj's were "orbiting" over one spot at 700 knots supports this conclusion. Location surveyed is approximately 50 miles south of Danzig, Poland. The above characteristics (orbit at high speed) make it highly improbable these objects, if act <sup>d</sup> were Soviet guided missiles.	



RRJEDWP  
DEJEPHQ 156

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO  
CATEGORY B ENCRYPTION—PHYSICALLY REMOVE  
ALL INTERNAL REFERENCES BY DATE-TIME GROUP  
PRIOR TO DECLASSIFICATION

INFORMATION

UNCLASSIFIED

FMEDUSAF WASHDC  
TO COMATIC WRIGHT PATTERSON AFB OHIO

[REDACTED] FROM AFOIN-1A 57213 COMATIC FOR OIN-4. THE NUMBER OF  
JFCB REPORTS SUBMITTED FROM THE USAFE AREA DURING AUGUST HAS GENERATED  
CONSIDERABLE INTEREST AND CONCERN WITHIN AFOIN. OF PARTICULAR  
INTEREST ARE THOSE SIGHTINGS THAT OCCURRED NEAR LAKENHEATH ON  
16 AUGUST AND THE BORNHOLM ISLAND SIGHTINGS OF 22 AUGUST. REQUEST  
YOU FORWARD YOUR EVALUATION OF THESE INCIDENTS ASAP MARKED FOR  
THE ATTENTION OF AFOIN-1A3.

BT

Classification Cancelled  
(or changed to UNCLASS)

Auth. Quantum [signature] [signature] [signature]

By ITDPT (UFC)

Date 27 Jan 67

h1 01 95 1000 HR 265-1 Jan 1-126

Susp

10/11/56

1 } HE4  
2 }  
3 }

4-4X2a

DOWNGRADED AT 2 YEAR INTERVALS:  
DECLASSIFIED AFTER 12 YEARS.  
DDO DIR 5200.10

UNCLASSIFIED



## JOINT MESSAGEFORM

SECURITY CLASSIFICATION

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

UNCLASSIFIED

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERENCE
ACTION	BOOK	MULTI	SINGLE		
INFO					

FROM:

CCMR JTIC

SPECIAL INSTRUCTIONS

TO:

D/I H.E. USAF  
WASHINGTON D.C.

FROM:

AFON-4A

REFERENCE YOUR MESSAGE 57218 DATED 9 OCTOBER 1956  
REGARDING REQUEST FOR EVALUATION OF LAKENRATH AND BORNEOLM SIGHTINGS.  
EVALUATION OF BORNEOLM SIGHTING SUBMITTED TO D/I, HEADQUARTERS USAF  
ON 31 AUGUST 1956. CITE AFON-2A1-55586. ALSO MEMO ON SAME SUBJECT  
TO GENERAL LEVIN, SUBMITTED THRU AFON-X, 4 OCTOBER 1956. EVALUATION  
OF LAKENRATH SIGHTING SUBMITTED TO D/I, HEADQUARTERS USAF ON  
11 SEPTEMBER 1956. CITE EOI 485 AND IEO 7-3251. INFO COPIES TO  
CINCERAF, AIRCRAFTMAN GREGORY WITH PASS ON TO 3910TH COMAECOM,  
ENGLAND.

DOWNGRADED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
DOD DIB 5200.10

COORDINATION:

AFON-4A H. H. Miley DATE 10/10/56  
DR. H. A. Foley  
AFON-4E Col H. K. Gilbert DATE \_\_\_\_\_  
AFON-4K1 Mr. J. J. Foley DATE \_\_\_\_\_

Classification Cancelled  
(or changed to UNCLASSIFIED)Auth Quintanilla  
By DTIC (UFO) WSP  
Date 27 Jan 69  
AFR 205-1 June 1926

DATE	TIME
10	1400
MONTH	YEAR
OCT	56

SYMBOL

AFON-4A

SIGNATURE

TYPED NAME AND TITLE (Signature, if required)

Capt. D. T. Gregory

PHONE 64216

SECURITY CLASSIFICATION

TYPED (or stamped) NAME AND TITLE

UNCLASSIFIED




W 021  
44021  
A155

ATIC

13 4E4

18 JAN 57 15 43

Swaf 3 4x2a  
1/22/57 

17 SEP 49 TYC 19 SEP 49

RJEDWP

RJEPHQ 844

181667Z

HEDUSAF WASHDC

TO COMDR ATIC WPAFB OHIO

BT

ENCLOSURE FROM AFOIN 43261 YOUR IC 43815 AND AFOIN 55846 DATED 5

SEP 56. HAS REQUESTED DATA BEEN RECEIVED? IF SO AND YOUR

EVALUATION SENT HERE, REQUEST CITE NUMBER

BT

18/1626Z JAN RJEPHQ

ACTION INFORMATION

18 JAN 57  
atic  
3:14:13



DECLASSIFIED AT 2 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
Incl # 1 DOD DIR 620010



UNCLASSIFIED

ACTION

A

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO  
CATEGORICAL REMOVAL OR PHYSICALLY REMOVE  
BY DATE-TIME GROUP  
PRIOR TO DECLASSIFICATION

\*\*\*\*\*ZZ RJEDEN RJEDWP  
RJEDEN RJEDWP SUPVR RJEPHQ  
FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB  
OHIO BY REQ OF AFOIN HQS USAF WASHDC

\*\*\*\*\*ZZ RJEPHQ  
DE RJDLEJ 2B

FM FRE BUCKS ENG  
TO COFS USAF WASHDC ATTN JWRA  
BT

D-463. REOUR S-462 DTG I

FOR INDICATIONS CENTER

D/INTEL USAF. SHAPE AD HAS AMPLIFIED AS FOLLOWS:  
22/2220Z TELEPHONE IWO BORNHOLM WEVFT OUT. TELETYPE IS ADDING 10 MIN  
DELAY.

22/2235Z ORIGINAL TRACKS ORBITING OVER ORIGINAL POSITION 5330N

1800E 700 KTS 25000 FT (IDENTIFIED AS 3 TRACKS)

SHAPE AD REQUEST ANY INFO YOU MAY HAVE.

BT

Classification Cancelled

(or changed to UNCLASS)

Auth Quintanilla, LT COL, USAF

By TDPT (USAF)

Date 27 Jan 69

AFR 205-1 para 1-126

UNCLASSIFIED



UNCLASSIFIED

ACTION

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO  
CATEGORY B ENCRYPTION—PHYSICALLY REMOVE  
ALL INTERNAL REFERENCES BY DATE-TIME GROUP  
PRIOR TO DECLASSIFICATION

\*\*\*\*\*ZZ RJEDEN RJEDWP  
RJEDEN RJEDWP SUPVR RJEPHQ  
FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB  
OHIO BY REQ OF AFOIN HQS USAF WASHDC

ZZ RJEPHQ  
DE RJDLEJ 3B

FM FRE BUCKS ENG  
TO COFS USAF WASHDC ATTN JWRA  
BT

RE MY -462 DTG 222050Z AND 222110Z RATHER THAN 222050Z AND 220910Z  
ADDITIONAL INFO FROM SAHPE AD: 22/2310Z 4TH TRACK (NEW) 5330  
1800E EASTERLY HEADING 700 KTS ALT UNK.  
BT

1-4E4  
2-4F2  
3-4F3  
4-4X2

Classification Cancelled  
(or changed to UNCLASS)  
Auth. Quintanilla, LT COL USAF  
By VT DPT (UFO)  
Date 27 Jul 68  
AFR 2005-1 para 1.26

DOWNGRADED AT 2 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
E.O. 12800.10

7 ucl # 3

UNCLASSIFIED



ZZ RJEDEN. RJEDWP  
RJEDEN RJEDWP SUPVR RJEPHQ

FOLLOWING MSG RELAYED TO COMDR ADC ENT AFB COLO AND COMDR ATIC WPAFB  
OHIO BY REQ OF AFOIN HQS USAF WASHDC

ZZ RJEPHQ  
DE RJDLEJ 1B

FM FRE BUCKS ENG  
TO COFS USAF WASHDC ATTN JWRA  
BT

S-463 AND S-464. SHAPE AD PASSES FOLLOWING:  
22/2359Z LAST TRACK FADED. NOTHING ON SCOPE.  
WILL CLOSE DOWN THIS CIRCUIT WITH THIS MSG.  
BT

DOWNGRADED AT 5 YEAR INTERVALS;  
DECLASSIFIED 10 YEARS.  
DOD DIR 8320.10

7nd # 9

UNCLASSIFIED

UNCLASSIFIED

ACTION

*for*  
**A**

PARAPHRASE NOT  
CATEGORY 3 ENT  
ALL INTERNAL RE  
PRIOR TO DECLASSIFICATION

23 Aug 56

PRIOR TO  
FULLY REMOVE  
BY DATE-TIME GROUP

1-4E4  
2-4F2  
3-4F3  
4-4X2

Classification Cancelled  
(or changed to UNCLAS)

Auth *Quintanilla, ET CO, USAF*

By *TDPT (USA)*

Date *27 Jan 69*

*AFR 2051 para 1-126*



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY DATE-TIME GROUP  
PRIOR TO DECLASSIFICATION

**ACTION**

PP RJEDWP  
DE RJEPHQ 168

30 AUG 56 07 36

UNCLASSIFIED

FM HEAD HQ USAF WASH DC  
TO COMATIC WPAFB OHIO  
BT

FROM AFOIN -2A1 55586 FOLLOWING SERIES OF MESSAGES FROM  
RE BUCKS ENGLAND TO COFS USAF WERE PASSED TO AFOIN-4 ON 22 AUGUST 56:

S-462,  
S-463,  
S-464,  
S-465,

Classification Cancelled

(or changed to *SECRET*)

Auth. *Quintanilla, USAF*

By *DPT(UFO)*

REQUEST YOUR EVALUATION OF INFO CONTAINED IN ABOVE CITED MSGS, TO 27 JUL 56  
REACH THIS HQ BY 4 SEPT 56 FOR FORWARDING TO AIR DEPUTY, SHAPE. *AFR 5-1 gma H-1*

1} 4E4  
2} 4E4  
3- ~~4E2~~ 4F2  
4- 4X2a

*Susp*  
*8/31/56*  
*sk*

*NOTE!*

UNCLASSIFIED

DDP DIR 8200.10



MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE <b>DR. MILEY</b>	INITIALS <i>Am</i>	DATE <b>4/9/56</b>	CIRCULATE
ORGANIZATION AND LOCATION <b>AFOIN-4E4</b>			COORDINATION
2 <b>COL. GILBERT</b>	<i>HKA</i>		FILE
<b>AFOIN-4E</b>			INFORMATION
3 <b>MR. ARCIER</b>	<i>48</i>		NECESSARY ACTION
<b>AFOIN-4X</b>		<b>9/4/56</b>	NOTE AND RETURN
4 RETURN TO: <b>CAPT. GREGORY</b>			SEE ME
<b>AFOIN-4E4</b>			SIGNATURE
REMARKS <p>Evaluation and other comments on the Bornholm sighting as requested by HQ USAF - deadline date 4 Sept 1956.</p> <p>We feel that this is the best evaluation and guidance that can be offered from this side of the ATLANTIC in view of the limited data submitted.</p>			
FROM NAME OR TITLE <i>Capt. Gregory</i>		DATE	
ORGANIZATION AND LOCATION <b>4E4</b>		TELEPHONE	



f. Bornholm Case (RAF Base): The "electronics-temperature inversion" approach towards explaining this sighting submitted to CINCUSAFE and Hqs USAFE was considered appropriate, considering the limited information.

Bornholm Case II

There is insufficient track data to determine the nature of the track - whether it is erratic, changing speed and direction rapidly, (as is usual in most of these sightings) or whether the acceleration and course changes are smooth.

The reference to picking up "3 to 5 unidentified objects" at time 0850Z at least infers that the targets were not steady, but were appearing and disappearing. If this is true, these targets are acting in a similar manner to those sighted at Lakenheath, and appear, therefore, to be probably due to anomalous propagation or wave returns.

As in the other sightings, it is not possible to make a thorough evaluation without scope photos, more complete track position and time data, weather information, (temperature inversion, moisture lapse data) etc, etc.

Truly  
YD Bryant & M. Bryant



UNCLASSIFIED

158E  
28/1911/aw

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION	ROUTINE	BOOK	MULTI	SINGLE	AFOIN 43261	<del>CONFIDENTIAL</del>
INFO						
FROM:	COMDR ATIC					

UNCLASSIFIED

TO:  
DI HQ USAF WASH DC

Classification Canceled  
(or changed to \_\_\_\_\_)  
Auth. \_\_\_\_\_  
By \_\_\_\_\_  
Date 27 Jan 69

FROM: AFOIN-4E4

REFERENCE YOUR TT MESSAGE AFOIN 43261 REGARDING BORNHOLM UFO SIGHTING. DETAILED DATA REQUESTED TO FORM FINAL CONCLUSIONS NOT RECEIVED AS YET. HOWEVER ALL DATA STRONGLY POINT TO ANOMALOUS PROPAGATION. ALSO REFERENCE PERSONAL MEMO TO GENERAL LEWIS DATED 4 OCT 56 RE QUERY WHETHER UFOS GUIDED MISSILES. UNLIKELY THAT CURRENT EVALUATION WILL CHANGE, UNLESS REQUESTED DATA OF SUCH UNUSUAL NATURE AS TO DICTATE OTHERWISE.

DOWNGRADED AT 2 YEAR INTERVALS:  
DECLASSIFIED AFTER 12 YEARS.  
DDQ DIE 5200.10

## COORDINATION

AFOIN-4E4 Henry A. Miley DATE 23/1/57  
Dr. Henry A. Miley

AFOIN-4E1 R. L. James DATE 23 Jan 57  
Col Hoffman

4x1 Francis 25 Jan  
+x2 Chie Yang 25 Jan

DATE 25 TIME 1100  
MONTH JAN YEAR 57

SYMBOL  
AFOIN-4E4

TYPED NAME AND TITLE (Signature if required)  
Capt G. T. Gregory

PHONE 69216 PAGE NR. 1 NR. OF PAGES 1

SIGNATURE  
Robert E. O'Connor

TYPED (or stamped) NAME AND TITLE

ROBERT E. O'CONNOR  
Captain, USAF  
Assistant Adjutant

UNCLASSIFIED



OFFICE OF RECORD

424/Capt G.T. Gregory/wm  
69216

Henry A. Miley  
HENRY A. MILEY  
AFOIN-484

PERM	
TEMP	
90 DAYS	
INITIAL	



f. Bornholm Case (RAF Base): The "electronics-temperature inversion" approach towards explaining this sighting submitted to CINCUSAFE and Hqs USAFE was considered appropriate, considering the limited information.

### Bornholm Case //

There is insufficient track data to determine the nature of the track - whether it is erratic, changing speed and direction rapidly, (as is usual in most of these sightings) or whether the acceleration and course changes are smooth.

The reference to picking up "3 to 5 unidentified objects" at time 0850Z at least infers that the targets were not steady, but were appearing and disappearing. If this is true, these targets are acting in a similar manner to those sighted at Lakehenth, and appear, therefore, to probably be due to anomalous propagation or weather returns.

As in the other sightings, it is not possible to make a thorough evaluation without scope photos, more complete track position and time data, weather information, (temperature inversion, moisture lapse data) etc, etc.

Truly  
Yours,  
W. Bryant



UNCLASSIFIED

## JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

10789

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO  
 CATEGORY B ENCRYPTION—PHYSICALLY REMOVE  
 ALL INTERNAL REFERENCES BY DATE-TIME GROUP  
 PRIOR TO DECLASSIFICATION BY DATE-TIME GROUP  
 REFERENCE IF THE DATE-TIME GROUP IS QUOTED

FROM: (Originator)

COMDR ATIC

TO:

DI HQ USAF WASH DC

AC

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO  
 CATEGORY B ENCRYPTION—PHYSICALLY REMOVE  
 ALL INTERNAL REFERENCES BY DATE-TIME GROUP  
 PRIOR TO DECLASSIFICATION BY DATE-TIME GROUP  
 REFERENCE IF THE DATE-TIME GROUP IS QUOTED

INFO: H43

COMDR 4602d AISS, ENT AFB  
 COLORADO SPRINGS, COLO

FROM: AFOIN-4E4

FOR: AFOIN-2A1

PRECEDENCE  
FOR:

ACTION

INFORMATION

PRIORITY

☐ BOOK MESSAGE☒ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

IDENTIFICATION

AFOIN-2A1-55586

DOWNGRADED AT 1000 HOURS  
 DECLASSIFIED AT 1000 HOURS  
 BOD DIR 6200.10

Ref msg AFOIN-2A1-55586, dtd 29 Aug 56 regarding your series of TT Msgs S-462, S-463, S-464 and S-465, all dtd 22 August 1956 on Bornholm UFO sighting submitted by FRE, Bucks, England.

PART I: Information submitted on UFO limited and incomplete upon which to make proper evaluation or to arrive at some firm conclusion or determination regarding origin or nature of radar sighting. More thorough analyses would require such pertinent information as radar scope photos, weather data, including information on temperature inversions, moisture lapse data, accurate tabulation of related times, places, bearings, altitudes, angular velocities of sightings, both visual and electronic, type radar equipment, etc.

PART II: The type of information cited above can indicate whether objects observed solid or due to unusual weather conditions i.e. anomalous propagation. Examples: a number of blips appearing and disappearing intermittently are characteristic of weather returns on radar. Unusual weather conditions may also

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SECRET

PAGE 1 OF 23 PAGES



ROUTING

## JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

AFK 205-1 June 1-126  
 Classification Cancelled  
 (or changed to UNCLAS)  
 Auth. [Signature]  
 By [Signature]  
 Date 27 Mar 67

DO NOT WRITE IN THESE SPACES  
 AFTER 12 YEARS.  
 DOD DIB 5200.10

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

COMDR ATIC

PRECEDENCE  
FOR:

ACTION

PRIORITY

INFORMATION

☐ BOOK MESSAGE☒ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

IDENTIFICATION

AFOIN-2A1-55586

TO:

DI HQ USAF WASH DC

INFO:

COMDR 4602d AISS, ENT AFB  
 COLORADO SPRINGS, COLO

explain observed erratic movements and tremendous speeds of supposed solid target. Temperature inversions can cause radar beam projected upward to bend down and pick up objects on the ground, appearing as objects in the air. Other strong evidence of weather return is disappearance of all targets simultaneously. Under certain conditions, inversion layers can cause interference between two radar stations some distance apart. Interference can be checked by changing frequency 20 to 40 megacycles, if settings can be varied. All <sup>above</sup> can often be confusing to trained, experienced radar operators.

PART III: Specifically, track data submitted insufficient to determine nature of track, whether erratic, rapidly changing speed and direction (as is usual in most sightings of this nature), or whether acceleration patterns and course changes are smooth. Reference to picking up "3 to 5 unidentified objects at 0850 Z" at least infers that targets not steady, but appearing and disappearing. If true, targets observed are somewhat similar in manner to Lakenheath-Bentwaters England sightings,

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DOD DIB 5200.10

PAGE 2 OF 3 PAGES



ROUTING

## JOINT MESSAGEFORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

Classification Cancelled  
(or changed to UNCLAS)Auth Quintanilla, LT Col, USAF  
By 173PT (UP)  
Date 27 Jan 67  
AFR-105-1 para 1-154

FROM: (Originator) SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

COMDR ATIC

PRECEDENCE  
FOR:ACTION  
PRIORITY

INFORMATION

☐ BOOK MESSAGE☒ ORIGINAL MESSAGE☐ MULTIPLE ADDRESS

CRYPTOPRECAUTION

☐ YES☐ NO

REFERS TO MESSAGE:

IDENTIFICATION

AR0IN-2A1-55586

TO:

DI HQ USAF WASH DC

INFO:

COMDR 4602 AISS, ENT AFB  
COLORADO SPRINGS, COLO

of 13 August 1956, evaluation now being prepared under separate cover.

PART IV: Submission of data outlined in Part I above would therefore be required to permit a more thorough evaluation, of ~~which~~ firm conclusion. Request this information together with radar scope photos as expeditiously as possible.

## COORDINATION:

AR0IN-4E4

H.A. Miley  
Dr. H.A. MileyDATE: 4/5/56

AR0IN-4E

H.K. Gilbert  
Col H.K. GilbertDATE: 9/4/56

AR0IN-4E1

Col Hoffman  
Col HoffmanDATE: 31 Aug 56

AR0IN-4X1

Mr. A.F. Arcier  
Mr. A.F. ArcierDATE: 9/4/56DOWNGRADED AT 2 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DDO DIR 5200.10

UNCLASSIFIED

DRAFTER'S NAME (and signature, when required)

Capt G.T. Gregory

RELEASING OFFICER'S SIGNATURE

Wallace W. Elwood

SYMBOL

AR0IN-4E4

TELEPHONE

69216

OFFICIAL TITLE

WALLACE W. ELWOOD  
1st Lt. USAF

PAGE

OF

PAGES

DD FORM 173

OCT 49

REPLACES NME FORM 173, 1 MAR 54  
WHICH MAY BE USED.

UNCLASSIFIED

Assistant Adjutant

4923-4

U. S. GOVERNMENT PRINTING OFFICE

4 SEP 1956



TO FLD REPRESENTATIVE BUCKINGHAMSHIRE ENG  
INFO COMDR WPAFB OHIO PASS INFO TO COM

UNCLASSIFIED

10 22

FROM AFOIN-2A1 CITE 55846.  
REF OUR MSG 55317 DTD 23 AUG CURR. PASS TO AIR DEPUTY SHAPE. THE  
FOLLOWING DATA RECEIVED FROM ATIC. "PART 1: INFO SUBMITTED  
ON UFO LIMITED AND INCOMPLETE UPON WHICH TO MAKE PROPER EVALUATION OR TO  
ARRIVE AT SOME FIRM CONCLUSION OR DETERMINATION REGARDING ORIGIN OR NATURE  
OF RADAR SIGHTING. MORE THOROUGH ANALYSES WOULD REQUIRE SUCH PERTINENT  
INFO AS RADAR SCOPE PHOTOS, WEATHER DATA, INCLUDING INFO ON TEMPERATURE  
INVERSIONS, MOISTURE LAPSE DATA, ACCURATE TABULATION OF RELATED TIMES,  
PLACES, BEARINGS, ALTITUDES, ANGULAR VELOCITIES OF SIGHTINGS, BOTH  
VISUAL AND ELECTRONIC, TYPE RADAR EQP, ETC. PART 2: THE TYPE OF INFO  
CITED ABOVE CAN INDICATE WHETHER OBJECTS OBSERVED SOLID OR DUE TO  
UNUSUAL WEATHER CONDITIONS IE ANOMALOUS PROPAGATION. EXAMPLES: A  
NUMBER OF BLIPS APPEARING AND DISAPPEARING INTERMITTENTLY ARE CHARACT-  
ERISTIC OR WHEATHER RETURNS ON RADAR. UNUSUAL WEATHER CONDITIONS MAY  
ALSO EXPLAIN OBSERVED ERRATIC MOVEMENTS AND TREMENDOUS SPEEDS OF  
SUPPOSED SOLID TARGET. TEMPERATURE INVERSION CAN CAUSE RADAR BEAM  
PROJECTED UPWARD TO BEND DOWN AND PICK UP OBJECTS ON THE GROUND,  
APPEARING AS OBJECTS IN THE AIR. OTHER STRONG EVIDENCE OF WEATHER  
RETURN IS DISAPPEARANCE OF ALL TARGETS SIMULTANEOUSLY. UNDER CERTAIN  
CONDITIONS, INVERSION LAYERS CAN CAUSE INTERFERENCE BETWEEN 2 RADAR  
STATIONS SOME DISTANCE APART. INTERFERENCE CAN BE CHECKED BY CHANGING  
FREQUENCY 20 TO 40 MEGACYCLES, IF SETTINGS CAN BE VARIED. ALL ABOVE CAN  
OFTEN BE CONFUSING TO TRAINED, EXPERIENCED RADAR OPERATORS. PART 3:  
SPECIFICALLY, TRACK DATA SUBMITTED IS SUFFICIENT TO DETERMINE NATURE  
OF TRACK: WHETHER ERRATIC, RAPIDLY CHANGING SPEED AND DIRECTION  
AS IS USUAL IN MOST SIGHTINGS OF THIS NATURE, OR WHETHER ACCELER-  
ATION PATTERNS AND COURSE CHANGES ARE SMOOTH. REF TO PICKING UP QUOTE  
3 TO 5 UNIDENTIFIED OBJECTS AT 0850Z UNQUOTE AT LEAST INFERS THAT  
TARGETS NOT STEADY, BUT APPEARING AND DISAPPEARING. IF TRUE, TARGETS  
OBSERVED ARE SOME WHAT SIMILAR IN MANNER TO LAKENHEATH BENTWATERS  
ENGLAND SIGHTINGS, OF 13 AUG CURR, EVALUATION NOW BEING PREPARED UNDER  
SEPARATE COVER. PART 4: SUBMISSION OF DATA OUTLINED IN PART 1 ABOVE  
WOULD THEREFORE BE REQUIRED TO PERMIT A MORE THOROUGH EVALUATION,  
OR FIRM CONCLUSION. UNQUOTE. REQUEST INFO OUTLINED IN PART 1 ABOVE  
BE FORWARDED DIRECTLY TO COMMANDER, ATIC, WPAFB WITH INFO COPY TO  
THIS HQS

Not rec'd as of 25 Jan 1957.  
- 476

**A** PARAPHRASE NOT PERMITTED EXCEPT PRIOR TO  
CATEGORY D DECLASSIFICATION. ALL INTERNAL SECURITY  
DATE-TIME GROUP  
PRIOR TO DECLASSIFICATION

1) 4E4  
2) 4E4  
3-4 FZ  
4-4 XZay

DOWNGRADED AT 3 YEAR INTERVAL  
DECLASSIFIED AFTER 12 YEARS.  
DOO DIR 5200.10

Classification Cancelled  
(or changed to UNCLASS)  
Auth. [Signature]  
By [Signature]  
Date 27 Jan 69  
AFR 205-1 Jan 1969

UNCLASSIFIED

74cl. #5



# DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

**UNCLASSIFIED**

FILE NO.

SUBJECT (U) Request for Evaluation or Information -- UFO  
Sighting by Bornholm Radar

TO AFOIN-4F3

FROM AFOIN-4E

DATE 26 Sept 56 COMMENT NO. 1  
4E4/Capt G.T.Gregory/lc/69216

1. In accordance with established ATIC policies for the review of UFO reports, request your evaluation, comments or information regarding the four (4) attached teletype reports (inclosures 1 through 4).

2. Original messages indicate that a copy of each message was routed to your division. Therefore, if any evaluation or comment has been made, on your part, request the results be made known to this office.

3. An analysis and comment regarding the electronic aspects of this sighting has been made by AFOIN-4E1 (see Inclosure #5).

4. Specifically, request any information concerning missile or related activities known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm radar, as a possible explanation to the reported sighting.

5. Expeditious action regarding this request would be appreciated.

*H.K. Gilbert*

H. K. GILBERT  
Colonel USAF  
Deputy for Science and Components

5 Incls:

1. TT Msg T56-19342-1
2. TT Msg T56-19344-1
3. TT Msg T56-19343-1
4. TT Msg T56-19341-1
5. TT Msg T56-20621-1

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DOD DIH- 5200.10

**UNCLASSIFIED**

Classification Cancelled  
(or changed to UNCLAS)  
Auth. *Quantum, USAF*  
By *TDPT (USAF)*  
Date *27 Dec 69*  
*AFR 205-1 para 1-126*



UNCLASSIFIED

SUBJECT: (U) Request for Evaluation or Information — UFO Sighting by  
Bornholm Radar

TO: AFOIN-4E

FROM: AFOIN-4F3

DATE: 3 Oct 56 COMMENT NR 2  
AFOIN-4F3c/Maj Conway/js  
54186/Bldg 263/P AL4

1. Due to incompleteness and insufficiency of data it is not possible to arrive at a firm conclusion.

2. The existence of several orbiting objects in the air at the same time does not exclude the possibility of guided missiles, but does not conform to existing test and flight philosophy for guided missiles in this country.

3. There is no other information concerning missile or related activity known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm radar.

5 Incls  
n/c

*for John Conway May*  
JAMES C. MANATT  
Lt Colonel, USAF  
AFOIN-4F3

Classification Cancelled

(or changed to UNCLASS)

Auth. James C. Manatt, USAF

By ITDPT (AFO)

Date 27 Jan 69

*APR 20 1969*

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*Bornholm*

4 October 1956

MEMORANDUM FOR COL JOHNSON AND COL GREEN

SUBJECT: Bornholm Radar UFO Sighting

1. During one of Mr. Arcier's recent visits to Gen Lewis, a query was made regarding the status of subject sighting. AFOIN-4's findings on the basis of the limited information submitted is that these objects which present themselves on the Bornholm Radar scopes were the result of anomalous propagation, i.e., the number of blips suddenly appearing and disappearing are characteristic of unusual weather conditions which does effect radar.

2. In respect to this phenomena being guided missiles, ATIC's evaluation is that the existence of several orbiting objects in the air at the same time does not exclude the possibility of guided missiles. However, this does not conform to existing tests and flight philosophy for guided missiles. Also, there is no information concerning missile or related activity known to have taken place on 22 August 1956 and falling within the radar coverage of the Bornholm Radar. We have requested more information on the Bornholm Radar with view to arriving at a more firm conclusion.

3. Would appreciate if the above information, in substance, be passed on to Gen Lewis.

*George T. Gregory*  
GEORGE T. GREGORY  
Captain, USAF  
AFOIN-4